Air Defense Artillery Signal Operations Battalion and Signal Operations Company

Contents

		Page
Preface		iv
Chapter 1	Air Defense Artillery	1-1
1-1.	General	1-1
1-2.	Threat to ADA Communications	1-2
1-3.	Mission	1-2
Chapter 2	Communications Systems Control and Coordination	2-1
2-1.	General	2-1
2-2.	Command System	2-1
2-3.	Area System	2-1
2-4.	AADCOM Communications	2-2
2-5.	Multichannel Radio Communications	2-2
2-6.	Radio Teletype	2-4
2-7.	Combat Net Radio HF Communications	2-4
2-8.	Net Radio Interface	2-4
2-9.	Messenger Service	2-5
2-10.	Tactical Field Radio	2-5
2-11.	Communications Responsibilities	2-5
2-12.	Communications Control	2-6

^{*}This publication supersedes FM 11-44(Test), 11 March 1977.

FM 11-44

		Page
2-13.	Communications Systems Integration	2-6
2-14.	Communications Coordination	2-7
2-15.	Electronic Warfare	2-7
Chapter 3	Command and Control (C2)	3-1
3-1.	General	3-1
3-2.	Nature	3-1
3-3.	Principles	3-1
3-4.	ADA C2 Versus Ground C2	3-2
3 - 5.	Functions	3-2
3-6.	Operational Concept	3-3
3 - 7.	EAC ADA Brigade C2	3-4
Chapter 4	Signal Operations Battalion	4-1
4-1.	General	4-1
4-2.	Capabilities and Limitations	4-1
4-3.	Training and Mobility	4-4
4-4.	Organization	4-4
4-5.	AADCOM Signal Staff Organization and Functions	4-4
4-6.	Battalion Staff	4-7
4-7.	Signal Battalion Operations Section	4-9
4-8.	Operation Method	4-12
4-9.	Tactical Displacement	4-13
4-10.	Diversion	4-13
Chapter 5	Headquarters and Headquarters Company	5-1
5-1	General	5-1

		Page
5-2.	Capabilities and Limitations	5-1
5-3.	Training and Mobility	5-1
5-4.	Organization	5-2
5-5.	Operation Method	5-3
Chapter 6	Brigade Signal Operations Company	6-1
6-1.	General	6-1
6-2.	Capabilities and Limitations	6-1
6-3.	Training and Mobility	6-2
6-4.	Organization	6-2
6-5.	Operation Method	6-2
Chapter 7	Signal Operations Company	7-1
7-1.	General	7-1
7-2.	Capabilities and Limitations	7-1
7-3.	Training and Mobility	7-2
7-4.	Organization	7-2
7-5.	Operation Method	7-2
Chapter 8	Signal Operations Communications Modernization	8-1
8-1.	General	8-1
8-2.	Modernization Changes	8-3
Glossary		Glossary-1
References		References-1
Index		Index-1